

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM DETECTORS AT THE INTERSECTIONS OF U.S. 40 & JOPPA ROAD, U.S. 40 AND MD 152, U.S 40 AND MD 755, MD 24 AND MD 755, U.S. 40 AND HANSON ROAD AND MD 152 AND MD 7. THIS PROJECT IS LOCATED IN HARFORD COUNTY, MARYLAND.

MD 152 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

MD 24 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATIONS WILL REMAIN THE SAME EXCEPT FOR THE INSTALLATION OF AN EMERGENCY PRE-EMPTY PHASE.

CONTROLLER REQUIREMENTS

US 40 AND JOPPA ROAD

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

US 40 MD 152

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MD 152 AND OLD JOPPA ROAD

THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED.

US 40 AND MD 755

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MD 24 AND MD 755

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MD 24 AND HANSON ROAD

THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MD 152 AND MD 7

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

NO EQUIPMENT TO BE SUPPLIED BY THE SHA

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	6 EACH	MAINTENANCE OF TRAFFIC
1003	25 L.F.	REMOVAL OF EXISTING PAVEMENT LINE, MARKINGS - ANY WIDTH
5003	100 L.F.	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
8005	5 EACH	3M OPTICOM #T64 DISCRIMINATOR MODULE
8008	1 EACH	ADJUST AND RE-RING EXISTING SPAN WIRE (EACH SPAN)
8015	2 EACH	LED SIGNAL HEAD MODULES (ANY SIZE)
8017	1 EACH	REMOVE AND DISPOSE OF EQUIPMENT
8023	1645 L.F.	4 CONDUCTOR OPTICOM DETECTOR CABLE
8030	5 S.F.	RELOCATE EXISTING SIGN
8049	8 EACH	OPTICOM NO. 721 DETECTOR EYE

EQUIPMENT LIST "C"

NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK) STANDARD NO. MD-104.04-15 (INTERSECTION CLOSURE)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)
STANDARD NO. MD-104.04-13 (LEFT-TURN BAY CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
Opticom Detection Upgrades
US 40, MD 24 and MD 152

GENERAL INFORMATION SHEET

SCALE NONE DATE 10/20/2010 CONTRACT NO. XX448518G

DESIGNED BY S. Bloss COUNTY Harford
DRAWN BY S. Bloss LOGMILE
CHECKED BY N. Lear TMS NO. K314
F.A.P. NO. TOD NO.

TS NO. DRAWING TSP - 8 OF 8 SHEET NO. 8 OF 8

TOD NO: XX448-61
SHA NO: HA403A55/B55
US 40 @ Joppa Rd, US 40 @ MD 152, US 40 @
MD 755, MD 24 @ MD 755, MD 24 @ Hanson
Rd, MD 152 @ MD 7